

10715593_QUAL.txt

5563654 68
6239615 57
4913116 55
RE34316 55
5920066 55
6277265 55
6738289 55
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6173371 54
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4916657 54
5214763 54
5295249 54
5325441 54
5337168 54
5475853 54
5495606 54
5506535 54
5678198 54

PLUS Search Results for S/N 10715593, Searched March 10, 2005

The Patent Linguistics Utility System (PLUS) is a USPTO automated search system for U.S. Patents from 1971 to the present. PLUS is a query-by-example search system which produces a list of patents that are most closely related linguistically to the application searched. This search was prepared by the staff of the Scientific and Technical Information Center, SIRA.

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10715593_WEST.txt

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10715593_EAST.txt

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10715593_WDS.txt

ability 1
able 4
above 3
abstmct 1
abstraction 4
accept 1
accompanying 1
achieving 1
across 3
address 1
advantage 1
advantageous 2
advantageously 1
advantages 2
affect 1
againt 1
al 1
allow 3
allows 2
an 9
and 39
another 4
antageous 1
any 1
app 1
apparatus 1
apparent 1
appear 1
application 1
appreciated 1
are 13
arise 1
arm 9
arrangement 1
art 1
as 24
aspect 3
assists 1
associated 5
at 4
availability 1
available 7
awaiting 1
background 1
balanced 1
battery 2
be 29
became 1
become 1
becomes 1
been 1
before 2
being 7
best 1
better 1
between 8
boundarie 1
boundaries 1
brief 1
by 16
cache 2
can 6
cancelled 1

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capabilities 2
ce 1
ch 1
change 4
changes 2
changing 2
characteristic 1
circuit 9
circuits 14
circumstances 2
circumstances 1
clock 23
coarser 1
coded 2
coding 2
combining 1
common 1
compared 1
comprising 3
computation 1
computational 2
computationally 1
computer 3
concerned 2
concerning 1
configuration 4
configurations 2
configured 1
confined 1
connection 1
consequent 1
consideration 1
considerations 1
consume 1
consumed 1
consumption 6
consumptions 1
cont 1
configurable 1
configuration 1
control 36
controlled 3
controller 7
controllers 1
controlling 3
convenient 1
conveniently 1
conversely 1
cooler 1
corresponding 2
could 4
counter 1
critical 1
current 5
currently 1
data 32
david 1
deal 2
dealt 1
degree 1
dependence 1
described 1
description 3

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design 2
designs 2
desirable 1
desire 2
desired 24
detailed 1
determine 1
devices 1
diaglmm 1
diagram 6
diagnrm 1
differences 1
different 10
direct 1
directly 2
disabled 1
disadvantageous 1
disadvantageously 1
dissipation 1
dmwings 1
does 1
domains 1
down 1
drawings 1
due 2
during 1
dyc 9
een 1
effects 1
elements 3
em 1
embodiments 8
en 1
enabled 1
enerally 1
energy 11
engineering 1
enhanced 1
ensures 1
ensuring 1
equency 2
example 7
examples 1
executable 1
facilitates 1
factors 1
features 1
fed 1
fewer 2
field 4
figure 14
figures 1
final 1
finally 1
flexibility 1
flow 4
flynn 1
followed 1
following 2
fonns 1
for 13
force 1
forms 1

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forward 1
frequencies 7
frequency 8
from 5
functionally 1
further 16
furthermore 2
ge 1
generally 1
generate 3
generated 4
generates 1
generation 2
generator 5
generators 1
gfigure 1
giving 1
goals 1
good 1
had 1
handling 1
hardware 11
has 2
have 2
having 1
heat 1
high 5
higher 2
highest 2
highly 1
holding 1
how 3
however 1
idle 1
if 1
illustrates 4
illustrating 8
illustrative 1
implementation 1
implementations 2
important 2
improved 1
in 27
include 2
including 2
incorporating 1
increase 1
increased 4
increasingly 1
increm 1
independent 2
indicating 1
indicative 3
information 2
ing 1
ining 1
instnzung 1
instruction 3
instructions 7
intel 1
intensive 2
intermediate 5
interrupt 2

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into 3
inventio 1
invention 10
involve 1
is 35
issue 1
it 9
its 3
joftware 1
known 2
large 1
latency 1
layer 2
least 1
less 1
level 48
levels 5
life 1
like 2
linearly 1
little 2
ln 2
logically 1
long 3
longer 1
longrtm 1
low 4
lower 1
lowers 1
made 1
management 4
manipulate 1
manner 1
many 3
map 1
mapped 2
mapping 12
mappings 1
maps 1
match 3
maximum 5
maximums 1
may 10
meet 2
memories 2
mentioned 1
met 1
method 2
mgy 1
might 2
minimum 3
minimums 1
mobile 1
mode 2
modified 2
modulated 1
modulation 1
monitoring 1
monotonic 1
more 14
moved 1
mqre 1
ms 1

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necessary 3
need 1
nges 1
nms 1
number 1
objects 1
occur 1
of 70
office 1
often 1
oftheinvention 1
omputation 1
on 1
one 19
operable 4
operate 2
operates 1
operating 5
operation 10
operational 1
operations 3
operqtion 1
or 20
order 2
original 1
other 4
overhead 1
override 1
page 9
papers 1
parameters 1
paritcularly 1
particularly 2
paten 1
pending 2
perating 1
perfonn 1
perfonnance 10
perfonpance 1
perfonuance 1
performal 1
performanc 1
performance 49
performing 1
perfprmance 1
periods 1
permanently 2
pl 1
platfonus 1
platform 1
pll 2
point 1
pore 1
portion 1
possible 2
power 4
powered 2
practice 1
predetermined 1
prefefred 1
preferred 6
prejudice 1
present 8

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previously 1
prior 3
priority 2
processing 36
processor 14
processors 1
produce 1
produced 2
product 1
program 12
programmed 1
programming 1
progress 1
propam 1
prorm 1
provide 2
provided 2
provides 4
providing 6
provision 2
qf 1
quantised 1
range 1
ratus 1
re 4
reached 3
reaching 2
read 1
reasons 2
recognises 2
reduce 3
reduced 1
redundant 1
ref 16
related 1
relates 2
relationship 1
relative 1
relatively 9
reliably 1
request 13
require 3
required 3
requirement 1
requirements 1
resistance 1
respect 1
respond 1
responding 1
rest 1
reusability 1
reuse 1
risclosure 1
rocessing 1
run 1
said 27
same 1
sampling 1
saving 3
schematically 10
selectively 1
serves 1
serviced 1

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set 3
setting 1
short 1
should 2
signal 19
signals 3
signifcantly 1
simplifies 1
simultaneous 1
sip 1
sipaal 1
sipzal 2
siral 2
siralled 1
sirals 6
sirificant 1
so 12
software 5
some 1
sometimes 1
sorware 1
source 1
special 1
specified 1
specifying 2
specitied 1
speedstep 1
state 2
step 1
steps 1
strong 2
strongly 3
substantially 1
such 17
sufficient 1
suitable 1
suited 1
summary 1
superseeded 1
supplied 3
supply 5
support 6
supported 2
supports 1
sustain 1
switch 3
switched 1
system 14
systems 9
take 2
target 2
task 1
tasks 2
technique 4
techniques 2
teclmical 1
teclmique 2
teclmiques 2
temporally 1
tend 1
th 1
than 1
that 22

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the 111
their 4
then 2
thernometer 1
there 2
thermometer 3
these 3
they 1
this 12
those 1
thought 1
through 2
thus 4
time 2
times 1
to 78
tp 1
tpanic 1
trademark 1
transfers 1
transient 1
transmeta 1
trigger 1
two 1
unavailable 1
under 6
united 1
until 1
up 1
upon 2
urther 2
us 9
useable 1
used 2
using 3
utilise 2
utilised 1
utilising 1
valious 1
value 6
values 6
variety 1
vels 1
view 1
viewed 3
volt 1
voltage 15
vp 1
walter 1
ware 3
warning 1
way 1
well 2
what 1
when 2
whereby 1
which 16
while 1
whilst 3
wide 1
will 2
with 16
without 1

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would 4
written 1

10715593_CLS.txt

Most Frequently Occurring Classifications of Patents Returned
From A Search of 10715593 on March 10, 2005

original classifications

3 711/122
2 123/406.32
2 703/19
2 712/213
2 712/244

Cross-Reference Classifications

4 711/118
3 711/141
3 711/144
3 711/145
2 702/186
2 703/21
2 710/260
2 711/117
2 711/119
2 711/120
2 711/121
2 711/122
2 711/203
2 712/23
2 712/24

Combined Classifications

5 711/122
4 711/118
4 711/141
3 710/260
3 711/144
3 711/145
3 712/213
2 123/406.32
2 375/293
2 702/186
2 703/19
2 703/21
2 711/117
2 711/119
2 711/120
2 711/121
2 711/203
2 712/22
2 712/23
2 712/24
2 712/244

10715593_CLSTITLES.txt

Titles of Most Frequently Occurring Classifications of Patents Returned
From A Search of 10715593 on March 10, 2005

5 711/122 (3 OR, 2 XR)

Class 711 : ELECTRICAL COMPUTERS AND DIGITAL PROCESSING
SYSTEMS: MEMORY
711/100 STORAGE ACCESSING AND CONTROL
711/117 .Hierarchical memories
711/118 ..Caching
711/119 ...Multiple caches
711/122Hierarchical caches

4 711/118 (0 OR, 4 XR)

Class 711 : ELECTRICAL COMPUTERS AND DIGITAL PROCESSING
SYSTEMS: MEMORY
711/100 STORAGE ACCESSING AND CONTROL
711/117 .Hierarchical memories
711/118 ..Caching

4 711/141 (1 OR, 3 XR)

Class 711 : ELECTRICAL COMPUTERS AND DIGITAL PROCESSING
SYSTEMS: MEMORY
711/100 STORAGE ACCESSING AND CONTROL
711/117 .Hierarchical memories
711/118 ..Caching
711/141 ...Coherency

3 710/260 (1 OR, 2 XR)

Class 710 : ELECTRICAL COMPUTERS AND DIGITAL DATA
PROCESSING SYSTEMS: INPUT/OUTPUT
710/260 INTERRUPT PROCESSING

3 711/144 (0 OR, 3 XR)

Class 711 : ELECTRICAL COMPUTERS AND DIGITAL PROCESSING
SYSTEMS: MEMORY
711/100 STORAGE ACCESSING AND CONTROL
711/117 .Hierarchical memories
711/118 ..Caching
711/141 ...Coherency
711/144Cache status data bit

3 711/145 (0 OR, 3 XR)

Class 711 : ELECTRICAL COMPUTERS AND DIGITAL PROCESSING
SYSTEMS: MEMORY
711/100 STORAGE ACCESSING AND CONTROL
711/117 .Hierarchical memories
711/118 ..Caching
711/141 ...Coherency
711/145Access control bit

3 712/213 (2 OR, 1 XR)

Class 712 : ELECTRICAL COMPUTERS AND DIGITAL PROCESSING
SYSTEMS: PROCESSING ARCHITECTURES AND INSTRUCTION
PROCESSING
712/209 .Decoding instruction to accommodate plural
instruction interpretations (e.g., different dialects,
languages, emulation, etc.)
712/213 .Predecoding of instruction component

2 123/406.32 (2 OR, 0 XR)

Class 123 : INTERNAL-COMBUSTION ENGINES
123/406.11 SPARK IGNITION TIMING CONTROL

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123/406.12 .Electronic control
 123/406.19 ..Closed loop feedback control of spark timing
 123/406.26 ...Combustion condition responsive
 123/406.29Engine knock responsive
 123/406.3Fuel quality or composition signal
 responsive
 123/406.32Having a plurality of speed/load maps
 related to fuel quality or composition

2 375/293 (1 OR, 1 XR)
 Class 375 : PULSE OR DIGITAL COMMUNICATIONS
 375/286 MULTILEVEL
 375/293 .Synchronized

2 702/186 (0 OR, 2 XR)
 Class 702 : DATA PROCESSING: MEASURING, CALIBRATING, OR
 TESTING
 702/127 MEASUREMENT SYSTEM
 702/182 .Performance or efficiency evaluation
 702/186 ..Computer and peripheral benchmarking

2 703/19 (2 OR, 0 XR)
 Class 703 : DATA PROCESSING: STRUCTURAL DESIGN,
 MODELING, SIMULATION, AND EMULATION
 703/13 SIMULATING ELECTRONIC DEVICE OR ELECTRICAL
 SYSTEM
 703/19 .Timing

2 703/21 (0 OR, 2 XR)
 Class 703 : DATA PROCESSING: STRUCTURAL DESIGN,
 MODELING, SIMULATION, AND EMULATION
 703/13 SIMULATING ELECTRONIC DEVICE OR ELECTRICAL
 SYSTEM
 703/21 .Computer or peripheral device

2 711/117 (0 OR, 2 XR)
 Class 711 : ELECTRICAL COMPUTERS AND DIGITAL PROCESSING
 SYSTEMS: MEMORY
 711/100 STORAGE ACCESSING AND CONTROL
 711/117 .Hierarchical memories

2 711/119 (0 OR, 2 XR)
 Class 711 : ELECTRICAL COMPUTERS AND DIGITAL PROCESSING
 SYSTEMS: MEMORY
 711/100 STORAGE ACCESSING AND CONTROL
 711/117 .Hierarchical memories
 711/118 ..Caching
 711/119 ...Multiple caches

2 711/120 (0 OR, 2 XR)
 Class 711 : ELECTRICAL COMPUTERS AND DIGITAL PROCESSING
 SYSTEMS: MEMORY
 711/100 STORAGE ACCESSING AND CONTROL
 711/117 .Hierarchical memories
 711/118 ..Caching
 711/119 ...Multiple caches
 711/120Parallel caches

2 711/121 (0 OR, 2 XR)
 Class 711 : ELECTRICAL COMPUTERS AND DIGITAL PROCESSING
 SYSTEMS: MEMORY
 711/100 STORAGE ACCESSING AND CONTROL

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711/117 .Hierarchical memories
711/118 ..Caching
711/119 ...Multiple caches
711/121Private caches

2 711/203 (0 OR, 2 XR)
Class 711 : ELECTRICAL COMPUTERS AND DIGITAL PROCESSING
SYSTEMS: MEMORY
711/200 ADDRESS FORMATION
711/202 .Address mapping (e.g., conversion,
translation)
711/203 ..Virtual addressing

2 712/22 (1 OR, 1 XR)
Class 712 : ELECTRICAL COMPUTERS AND DIGITAL PROCESSING
SYSTEMS: PROCESSING ARCHITECTURES AND INSTRUCTION
PROCESSING
712/1 PROCESSING ARCHITECTURE
712/10 .Array processor
712/16 ..Array processor operation
712/22 ...Single instruction, multiple data (SIMD)

2 712/23 (0 OR, 2 XR)
Class 712 : ELECTRICAL COMPUTERS AND DIGITAL PROCESSING
SYSTEMS: PROCESSING ARCHITECTURES AND INSTRUCTION
PROCESSING
712/1 PROCESSING ARCHITECTURE
712/23 .Superscalar

2 712/24 (0 OR, 2 XR)
Class 712 : ELECTRICAL COMPUTERS AND DIGITAL PROCESSING
SYSTEMS: PROCESSING ARCHITECTURES AND INSTRUCTION
PROCESSING
712/1 PROCESSING ARCHITECTURE
712/24 .Long instruction word

2 712/244 (2 OR, 0 XR)
Class 712 : ELECTRICAL COMPUTERS AND DIGITAL PROCESSING
SYSTEMS: PROCESSING ARCHITECTURES AND INSTRUCTION
PROCESSING
712/220 PROCESSING CONTROL
712/233 .Branching (e.g., delayed branch, loop control,
branch predict, interrupt)
712/244 ..Exception processing (e.g., interrupts and
traps)